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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 1

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/691,447
		Filing Date	October 22, 2003
		First Named Inventor	Hiel, Clement
		Art Unit	2831-777
		Examiner Name	Jill Gray
Sheet	1	of	1
		Attorney Docket Number	CTC001-1

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 3

Application Number	10/691447
Filing Date	10-22-2003
First Named Inventor	Clement Hiel
Art Unit	288F 774
Examiner Name	Not yet assigned

Attorney Docket Number CTC001-1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2002/0189845-A1	12/19/2002	Gorrell	
		US- 3973385	08/10/1976	Roe	
		US- 6528729-B1	03/04/2003	Kamata	
		US- 5122622	06/16/1992	Reuss	
		US- 4763981	08/16/1988	Wilkins	
		US- 4059951	11/29/1977	Roe	
		US- 6568072-B2	05/27/2003	Wilemon	
		US- 3717720	02/20/1973	Snellman	
		US- 6180232-B1	01/30/2001	McCullough	
		US- 5222173	06/22/1993	Bausch	
		US- 3808078	04/30/1974	Snellman	
		US- Re. 32374	03/17/1987	Dey	
		US- 5561729	10/01/1996	Parris	
		US- 4961990	10/09/1990	Yamada	
		US- 6245425-B1	06/12/2001	McCullough	
		US- 6270856-B1	08/07/2001	Hendewerk	
		US- 5296456	03/22/1994	Shiga	
		US- 5917977	06/29/1999	Barrett	
		US- 6423808-B1	07/23/2002	Watanabe	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		EP0346499B1	05/31/1995	Hagino		
		EP1124235A2	08-16-2001	Goldsworthy		
		EP1168374A2	01/02/2002	Goldsworthy		
		JP1126388A	09/28/1999	Ogata Akimasa		

Examiner Signature

Date Considered

9/85

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/691447
		Filing Date	10-22-2003
		First Named Inventor	Clement Hiel
		Art Unit	2834-1774
		Examiner Name	Not yet assigned
		Attorney Docket Number	CTC001-1
Sheet	2	of	3

**U. S. PATENT DOCUMENTS**

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		Filing Date	10-22-2003
		First Named Inventor	Clement Hiel
		Art Unit	2831-1774
		Examiner Name	unknown
Sheet 3	of 3	Attorney Docket Number	CTC001-1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>CH</i>		SUCUMA P. ELLIOT, "HECO puts new composite conductors to the test", Transmission and Distribution World, Jun 1, 2003	
		Office of Industrial Technologies, "Development of a Composite-Reinforced Aluminum Conductor", Dec, 2001	
		Oak Ridge National Laboratory, "Power Grid of the Future", ORNL Review, Vol. 35, No. 2, 2002, web-print	
<i>CH</i>		Alcoa Conductor Products Company, "T&D Conductors; Overhead; Underground; Building Wire", July 1, 1989, pg. 33	

Examiner Signature	<i>CH</i>	Date Considered	<i>9/05</i>
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